

Publications

Peer-reviewed:

- Arevalo, J., Ochieng, R., Mola-Yudego, B. & Gritten, D. 2014. Understanding bioenergy conflicts: case of a jatropha project in Kenya's Tana Delta. *Land Use Policy*, 41, 138-148. DOI:10.1016/j.landusepol.2014.05.002 [Available here](#)
- Arevalo, J., Halder, P., Kortelainen, J. & Mola-Yudego, B. 2014. Bioenergy: from local conflicts to global governance. *OGEL Journal* (in press) [Advance copy here](#)
- Arevalo, J., Pitkänen, S. & Kirongo, B. 2014. Developing forestry curricula: experiences from a Kenyan-Finnish project. *International Forestry Review*, 16 (1) 78-86 [Available here](#), [HEI-ICI Kenya project](#)
- Halder, P., Arevalo, J., Tahvanainen, L. & Pelkonen, P. 2014. Challenges and opportunities associated with the development of forest-based bioenergy sector in India: Results from an expert survey. *Challenges* 5(1), 100-111 [Available here](#)
- Arevalo, J., Mola-Yudego, B., Pelkonen, P., & Qu, M. 2012. Students' views on forestry education: a cross-national comparison across three universities in Brazil, China and Finland. *Forest Policy and Economics* 25, 123-131 [Available here](#)
- Qu, M., Pelkonen, P., Tahvanainen, L., Arevalo, J. & Gritten, D. 2012. Experts' assessment on the development of wood framed houses in China. *Journal of Cleaner Production*, 31, 100-105 [Available here](#)
- Arevalo, J., Pitkänen, S., Tahvanainen, L. & Enkenberg, J. 2011. Motivation of Foreign Students Seeking a Multi-institutional Forestry Master's degree in Europe. *Journal of Forestry* 109 (2) 69-73 [Available here](#), [IPFE](#)
- Arevalo, J., Pitkänen, S., Gritten, D. & Tahvanainen, L. 2010. Market-relevant competencies for professional foresters in European graduate education. *International Forestry Review* 12 (3) 200-208 [Available here](#), [IPFE](#)
- Arevalo, J., Jarschel, B., Pitkänen, S., Tahvanainen, L. & Enkenberg, J. 2010. Differences in forestry students' perceptions across study years. *Journal of Natural Resources and Life Science Education* 39, 94-101.
- Pitkänen, S. 2000. Classification of vegetational diversity in managed boreal forests in eastern Finland. *Plant Ecology* 146: 11-28.
- Pitkänen, S. 2000. Effect of tree stand and site variables on alpha diversity of ground vegetation in the forests of Northern Karelia. *Journal of Environmental Management* 58: 289-295
- Pitkänen, S. 1997. Correlation between stand structure and ground vegetation: an analytical approach. *Plant Ecology* 131: 109-126.
- Pitkänen, S. 1998. The use of diversity indices to assess diversity of vegetation in managed boreal forests. *Forest Ecology and Management* 112:121-137.
- Kolström, M. & Pitkänen, S. 1999. Effect of forest management on alpha diversity of ground vegetation in boreal forests: a model approach. *Boreal Environment Research* 4:45-54.

Proceedings, reports and other articles:

- Duveskog, M., Laine, T.H., Arevalo, J., Räisänen, V., Kirongo, B. & Orina, A. EntVenture- From binary trees to Kenyan forests: an Android game designed by students. *IST-Africa 2013 Conference Proceedings*, Paul Cunningham and Miriam Cunningham (Eds), IIMC International Information Management Corporation, 2013, ISBN: 978-1-905824-38-0 [Available here](#), [HEI-ICI Kenya project](#)
- Halder, P., Arevalo, J., Puentes, Y. & Mola-Yudego, B. Improving forest conflict management and governance tools, based on a global to local understanding of its core issues. Working paper, Ministry of Foreign Affairs, Government of Finland. Forthcoming. [Draft available here](#)
- Arevalo, J., Gritten, D., Mola-Yudego, B., Pelkonen, P. and Enkenberg, J. 2013. Global forestry challenges in local context: experiences from a problem-based module. *Proceedings of the SILVA Network Conference at the Faculty of Forestry, University of Zagreb, Croatia, 17-19 June 2010*. SILVA Publications, 8. Freiburg
- Arevalo, J. and Pitkänen, S. 2013. Exploring the possible gap between higher forestry education and labour market in Europe. *Proceedings of the SILVA Network Conference at the Faculty of Forestry and Natural Environment, Aristotle University of Thessaloniki, Greece, 3-8 November 2009*. SILVA Publications, 7. Freiburg, [IPFE](#)
- Pitkänen, S and Kolström, M. 2013. Ilomantsi forest and environment conflicts Report No 6 2013,. [Available here](#) [Baltic Landscape project](#)
- Arevalo, J. and Tahvanainen, L. 2011. Forestry expertise beyond borders: reflections of the Indo-Finnish cooperation in forestry capacity building. *Publications of the International University HUB, University of Eastern Finland*, 45 p. Available at:http://epublications.uef.fi/pub/urn_isbn_978-952-61-0440-9/urn_isbn_978-952-61-0440-9.pdf
- Global challenges in local context: Experiences from a MSc forestry module. [Abstract] *International Symposium on Forestry Education, Vancouver, BC, Canada, 17-21.5.2010*., [IPFE](#)
- The role of youth in maintaining nature reserves: a task for environmental ethics? *Proceedings of the UNESCO Conference on Education for Sustainable Development in Support of Cultural Rapprochement and Biodiversity*. Muscat, Oman, 24-26 January, 2011
- Role of Forest Policy In Fighting Climate Change – Forest Policy Work Group Report. Joensuu Forestry Networking Week 2009. Working Papers of the Finnish Forest Research Institute 135. Available at <http://www.metla.fi/julkaisut/workingpapers/2009/mwp135.htm>
- Experiences of MSc European Forestry Erasmus Mundus participants in the labour market, *Proceedings of the Silva Network Conference on Graduate Analyses for Forest Sciences and Related Curricula*, 15-17 May 2008, Copenhagen, [IPFE](#)
- Arevalo, J., Gritten, D., Mola-Yudego, B. 2008. A pioneer in the internationalization of forestry education. *Silva Carelica* 54: 152-153. In: Saastamoinen O. and Tahvanainen L. 2008. *Towards global education in forest sciences*. *Silva Carelica*, 54. University of Joensuu, Faculty of Forest Sciences. ISSN: 0780-8232 .
- Kaila, S., Imponen, V. & Pitkänen, S. 2001. Integrating forestry into the life cycle assessment (LCA) of forest products. *Metsäteho report* 116.
- Imponen, V., Alden, S., Kaila, S., Korpilahti, A., Pitkänen, S., Wessman, H. & Örn, J. 2001. Puuraaka-aineen tuotanto elinkaarilaskennassa. *Metsätehon raportti* 119.
- Pitkänen, S. 2001. Impact-simulointi malli. An oral presentation at seminar: Puuston kasvumallit ja kehityksen ennustamisen työkalut. 25 April 2001, Helsinki, Finland.

- Pitkänen, S. 2001. Interaction between the carbon accumulation and habitat diversity with implications in the sustainable management of forest resources. An oral presentation at International Conference: Ecosystem management in boreal forest landscapes. 27-30 May 2001, Koli National Park, North Karelia, Finland
- Chertov, O., Kellomäki, S., Komarov, A., Kolström, M., Pitkänen, S., Strandman, H. & Zudin, S. 2001. Impact-simulation model. A poster at Meeting of the Scientific Advisory Board (SAB) of the ecological sciences in the Center of Excellence Programme. 28-28 September 2001, Joensuu, Finland.
- Pitkänen, S. 1998. Diversity of ground vegetation in managed boreal forests in relation to the properties of the tree stand and site. D. Sc. (Agr. and For.) thesis. University of Joensuu, Faculty of Forestry, Research Notes 76.
- Pitkänen, S. 1998. Classifying vegetation diversity to manage boreal forests for biodiversity. An oral presentation at Conference: Forest canopies 1998: Global perspectives. 4-8 November 1998, Sarasota, Florida, USA.
- Pitkänen, S. 1995. Monimuotoisuuden kriteerit. In: (Laiho, O. & Luoto, T. eds.) Metsäntutkimus-päivä Tampereella 1994. Metäntutkimuslaitoksen tiedonantoja 538: 77-85.
- Pitkänen, S. 1995. Puuston rakenteen vaikutus pintakasvillisuuden monimuotoisuuteen. In: (Kellomäki, S. & Kolström, T. eds.) Metsikön rakenteen vaikutus monimuotoisuuteen: Tutkimuksen linjauksia. University of Joensuu, Faculty of Forestry, Research Notes 31: 8-15.
- Pitkänen, S. 1995. Assessment of biodiversity: effect of stand structure on ground vegetation in North-Karelia. A poster at IBFRA Conference: Climate Change, Biodiversity and Boreal Forest Ecosystems. 30 July-5 August 1995, Joensuu, Finland.
- Pitkänen, S. 1994. Maximum diameter growth of different tree species in Finland. A poster at IUFRO Conference of Working group S 4.01. Growth models for policy making. 26-28. September 1994, Prague, Czech Republic.